

**RECEIVED  
CENTRAL FAX CENTER**

**NOV 10 2004**

VIA FACSIMILE NOVEMBER 10, 2004

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Fraser et al.

Docket No.: PB370US

Application No.: 09/830,228

Confirmation No.: 3255

Filed: September 13, 2002

Art Unit: 1645

For: *Borrelia burgdorferi* Polynucleotides and  
Sequences

Examiner: R. P. Swartz

**RESPONSE AND AMENDMENT UNDER 37 C.F.R. § 1.111**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed August 10, 2004, please consider the following amendments and remarks. Applicants submit a Fee Transmittal Sheet concurrently herewith.

Please amend the application as follows: